Europäisches Patentamt

European Patent Office

Office européen des brevets



(11) EP 0 865 069 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 07.01.1999 Bulletin 1999/01

(51) Int Cl.6: H01J 31/12, H01J 29/92

- (43) Date of publication A2: 16.09.1998 Bulletin 1998/38
- (21) Application number: 98301881.3
- (22) Date of filing: 13.03.1998
- (84) Designated Contracting States:

 AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC

 NL PT SE

 Designated Extension States:

 AL LT LV MK RO SI
- (30) Priority: 14.03.1997 JP 61148/97
- (71) Applicant: CANON KABUSHIKI KAISHA Tokyo (JP)

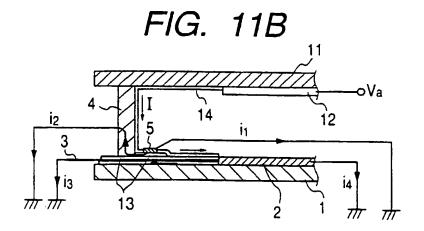
- (72) Inventors:
 - Yamanobe, Masato c/o Canon Kabushiki Kaisha Ohta-ku, Tokyo (JP)
 - Kishi, Fumio c/o Canon Kabushiki Kaisha Ohta-ku, Tokyo (JP)
- (74) Representative:

Beresford, Keith Denis Lewis et al BERESFORD & Co. 2-5 Warwick Court High Holborn London WC1R 5DJ (GB)

(54) Image-forming apparatus

(57) An image-forming apparatus comprises an envelope, an electron source and an image-forming member arranged within the envelope, as well as an electron source drive circuit. An electroconductive member is arranged on the inner wall surface of the envelope between the electron source and the image-forming member. An electric current flow path A is formed as extend-

ing between the electroconductive member and the ground without passing through any of the electron source and the drive circuit. The electric current flow path A has a resistance lower than the resistance of another electric current flow path B extending between the electroconductive member and the ground by way of the electron source or the drive circuit.



EP 0 865 069 A3



EUROPEAN SEARCH REPORT

Application Number EP 98 30 1881

		ERED TO BE RELEVANT		
Category	Citation of document with in of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	PATENT ABSTRACTS OF vol. 015, no. 459 (21 November 1991 -& JP 03 196455 A IND CO LTD), 27 Aug * abstract *	E-1136), (MATSUSHITA ELECTRIC	1,8,10, 12,24,25	H01J31/12 H01J29/92
D,A	PATENT ABSTRACTS OF vol. 016, no. 462 (1 25 September 1992 & JP 04 163833 A (1 CO LTD), 9 June 1993 * abstract *	E-1269), MATSUSHITA ELECTRIC IND		
A	US 3 731 135 A (IAD 1 May 1973 * figure 2 *	ICICCO R ET AL)	1	
A	EP 0 721 195 A (CANO * figures 14-17 *	ON KK) 10 July 1996	1	TECHNICAL FIELDS
				SEARCHED (Int.Cl.6)
	The present search report has be	een drawn up for all claims	1	
	Place of search	Date of completion of the search		Examiner
	THE HAGUE	12 November 1998	Colv	/in, G
X : partic Y : partic docus A : techr O : non-	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anoth- ment of the same category hological background written disclosure mediate document	T: theory or principle: E: earlier patent do after the filing da D: document cited f L: document cited f &: member of the sidocument	cument, but publis te in the application or other reasons	hed on, or

EPO FORM 1503 03.02 (P04C01)